MEASUREMENT SHEET

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Asphating to Sainagara Phase-II and Bestcounty-III and Surrounding Areas in Ward No -03 Yelahanka Satellite Town Sub Division

MEASUREMENT SHEET

First and Part Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
Item No.1		Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications and as per the directions of the Engineer-in-charge of the work									
			Cum								
		Vide Total executed Quantity from premeasuremet Page no. 1to3									
								973.56			
		Now to be Paid Quantity						973.56	207.6	202112.05	
Item No. 2		Providing and laying Plain cement concrete of mix1:3:6 with OPC cement @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days Including cost of materials,labour, HOM curing form work, Scaffolding and Centering complete as per specifications and as per the directions of the Engineer-in-charge of the work									
			Cum								
		Vide Total executed Quantity from premeasuremet Page no. 4to6									
								161.73			
		Now to be Paid Quantity						161.73	5421.9	876861.12	
Item No. 3		Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs.With 20mm and Down size granite metal coarse aggregate at 0.69cum and fine aggregate at 0.43cum Machne mixed, well compacted for wall and Bottom including centering shuttering,cost of materials,HOM of Machinery,Curing Etc.,Complete and as per the directions of the Engineer-in-charge of the work									
Measurements taken on											
		Bottom Raft									
		Bestcounty - III									
		3RD MAIN									
		LHS									
0	30		Cum	1	30.00	1.00	0.15	4.50			
30	60		Cum	1	30.00	1.00	0.15	4.50			
60	91.95		Cum	1	31.95	1.00	0.15	4.79			
99.35	128.3	91.95 to 99.35 Road	Cum	1	28.95	1.00	0.15	4.34			
146.8	165	128.3 to 146.8 no Drain	Cum	1	18.15	1.00	0.15	2.72			
		RHS									
0	11.1	11.1 to 23.8 no Drain	Cum	1	11.10	1.00	0.15	1.67			
23.8	53.8		Cum	1	30.00	1.00	0.15	4.50			
53.8	59.37	59.37 to 65.57 no Drain	Cum	1	5.57	1.00	0.15	0.84			
65.57	81.27		Cum	1	15.70	1.00	0.15	2.36			
		1ST CROSS									
		LHS									
0	24.1		Cum	1	24.10	1.00	0.15	3.62			
		RHS									
0	24.8		Cum	1	24.80	1.00	0.15	3.72			
		1ST CROSS									
		RHS									
0	25.3		Cum	1	25.30	1.00	0.15	3.80			
		1ST MAIN									
		RHS									
0	30		Cum	1	30.00	1.00	0.15	4.50			
30	43.5	43.5 to 51.3 no Drain	Cum	1	13.50	1.00	0.15	2.03			
51.3	61.2		Cum	1	9.90	1.00	0.15	1.49			
		LHS									
0	30		Cum	1	30.00	1.00	0.15	4.50			
30	60		Cum	1	30.00	1.00	0.15	4.50			
60	90		Cum	1	30.00	1.00	0.15	4.50			
		2ND MAIN									
		RHS									
0	30		Cum	1	30.00	1.00	0.15	4.50			
30	60		Cum	1	30.00	1.00	0.15	4.50			

UDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer 4/1/2020

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ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Assistant Executive Engineer

Contactor

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Asphating to Sainagara Phase-II and Bestcounty-III and Surrounding Areas in Ward No -03 Yelahanka Satellite Town Sub Division

MEASUREMENT SHEET

First and Part Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
60	90		Cum	1	30.00	1.00	0.15	4.50			
90	94.8		Cum	1	4.80	1.00	0.15	0.72			
102.2	121.4	94.8 to 102.2 Cross Road	Cum	1	19.20	1.00	0.15	2.88			
136.5	158.9	121.4m to 136.5m no drain	Cum	1	22.40	1.00	0.15	3.36			
163.7	193.7	158.9m to 163.7m no drain	Cum	1	30.00	1.00	0.15	4.50			
193.7	197.7		Cum	1	4.00	1.00	0.15	0.60			
		Sai nagara Phase-II									
		C C Drain (Gate to Cross Road)									
		R H S	Cum								
0	15		Cum	1	15.00	1.00	0.15	2.25			
15	30		Cum	1	15.00	1.00	0.15	2.25			
30	45		Cum	1	15.00	1.00	0.15	2.25			
45	51.2		Cum	1	6.20	1.00	0.15	0.93			
		L H S									
0	15		Cum	1	15.00	1.00	0.15	2.25			
15	30		Cum	1	15.00	1.00	0.15	2.25			
30	45		Cum	1	15.00	1.00	0.15	2.25			
45	50.6		Cum	1	5.60	1.00	0.15	0.84			
		Cross Road to Aritha Project Consultancy									
		L H S (CC Drain)									
0	12.5		Cum	1	12.50	1.00	0.15	1.88			
		R H S									
0	15		Cum	1	15.00	1.00	0.15	2.25			
15	30		Cum	1	15.00	1.00	0.15	2.25			
30	45		Cum	1	15.00	1.00	0.15	2.25			
45	52		Cum	1	7.00	1.00	0.15	1.05			
			Cum								
		2nd Main (College to Akkara House)									
		R H S									
0	15		Cum	1	15.00	1.00	0.15	2.25			
15	28.4		Cum	1	13.40	1.00	0.15	2.01			
		Chakkalakala House to 2nd Cross	Cum								
0	15		Cum	1	15.00	1.00	0.15	2.25			
15	18		Cum	1	3.00	1.00	0.15	0.45			
		J.K Electic to Dead end									
0	15		Cum	1	15.00	1.00	0.15	2.25			
15	30		Cum	1	15.00	1.00	0.15	2.25			
30	45		Cum	1	15.00	1.00	0.15	2.25			
45	60		Cum	1	15.00	1.00	0.15	2.25			
60	75		Cum	1	15.00	1.00	0.15	2.25			
75	90		Cum	1	15.00	1.00	0.15	2.25			
90	105		Cum	1	15.00	1.00	0.15	2.25			
105	107.6	107.6 to 113.6 culvert	Cum	1	2.60	1.00	0.15	0.39			
113.6	124.2		Cum	1	10.60	1.00	0.15	1.59			
		5th Cross Road									
		L H S									
0	15		Cum	1	15.00	1.00	0.15	2.25			
15	30		Cum	1	15.00	1.00	0.15	2.25			
30	45		Cum	1	15.00	1.00	0.15	2.25			
45	52.2		Cum	1	7.20	1.00	0.15	1.08			
		Side Wall									
		Bestcounty - III									
		3RD MAIN									

UDAYAPRASAD CONSULTANTS BANGALORE PMC

Contactor

Assistant Engineer

5/11/2024 ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
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ಬ.ಬ.ಮ.ಪ. ಬೆಂಗಳೂರು-೫೯

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Asphating to Sainagara Phase-II and Bestcounty-III and Surrounding Areas in Ward No -03 Yelahanka Satellite Town Sub Division

MEASUREMENT SHEET

First and Part Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
		LHS									
0	30		Cum	2	30.00	0.15	0.60	5.40			
30	60		Cum	2	30.00	0.15	0.60	5.40			
60	91.95		Cum	2	31.95	0.15	0.60	5.75			
99.35	128.3	91.95 to 99.35 Road	Cum	2	28.95	0.15	0.60	5.21			
146.8	165	128.3 to 146.8 no Drain	Cum	2	18.15	0.15	0.60	3.27			
		RHS									
0	11.1	11.1 to 23.8 no Drain	Cum	2	11.10	0.15	0.60	2.00			
23.8	53.8		Cum	2	30.00	0.15	0.60	5.40			
53.8	59.37	59.37 to 65.57 no Drain	Cum	2	5.57	0.15	0.60	1.00			
65.57	81.27		Cum	2	15.70	0.15	0.60	2.83			
		1ST CROSS									
		LHS									
0	24.1	0	Cum	2	24.10	0.15	0.60	4.34			
		RHS									
0	24.8	0	Cum	2	24.80	0.15	0.60	4.46			
		1ST CROSS									
		RHS									
0	25.3		Cum	2	25.30	0.15	0.60	4.55			
		1ST MAIN									
		RHS									
0	30		Cum	2	30.00	0.15	0.60	5.40			
30	43.5		Cum	2	13.50	0.15	0.60	2.43			
51.3	61.2		Cum	2	9.90	0.15	0.60	1.78			
		LHS									
0	30		Cum	2	30.00	0.15	0.60	5.40			
30	60		Cum	2	30.00	0.15	0.60	5.40			
60	90		Cum	2	30.00	0.15	0.60	5.40			
		2ND MAIN									
		RHS									
0	30		Cum	2	30.00	0.15	0.60	5.40			
30	60		Cum	2	30.00	0.15	0.60	5.40			
60	90		Cum	2	30.00	0.15	0.60	5.40			
90	94.8	94.8 to 102.2 Cross Road	Cum	2	4.80	0.15	0.60	0.86			
102.2	121.4	121.4m to 136.5m no drain	Cum	2	19.20	0.15	0.60	3.46			
136.5	158.9	158.9m to 163.7m no drain	Cum	2	22.40	0.15	0.60	4.03			
163.7	193.7		Cum	2	30.00	0.15	0.60	5.40			
193.7	197.7		Cum	2	4.00	0.15	0.60	0.72			
		Sai nagara Phase-II									
		C C Drain (Gate to Cross Road)									
0	15		Cum	2	15.00	0.15	0.60	2.70			
15	30		Cum	2	15.00	0.15	0.60	2.70			
30	45		Cum	2	15.00	0.15	0.60	2.70			
45	51.2		Cum	2	6.20	0.15	0.60	1.12			
		LHS									
0	15		Cum	2	15.00	0.15	0.60	2.70			
15	30		Cum	2	15.00	0.15	0.60	2.70			
30	45		Cum	2	15.00	0.15	0.60	2.70			
45	50.6		Cum	2	5.60	0.15	0.60	1.01			
		Cross Road to Aritha Project Consultancy									
		LHS (CC Drain)									
0	12.5		Cum	2	12.50	0.15	0.60	2.25			
		RHS									
0	15		Cum	2	15.00	0.15	0.60	2.70			
15	30		Cum	2	15.00	0.15	0.60	2.70			
30	45		Cum	2	15.00	0.15	0.60	2.70			

C&FC

VIDYAPRASAD CONSULTANTS BANGALORE

PMC

Contactor

Assistant Engineer

24/1/2020

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Asphating to Sainagara Phase-II and Bestcounty-III and Surrounding Areas in Ward No -03 Yelahanka Satellite Town Sub Division

MEASUREMENT SHEET

First and Part Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
45	52		Cum	2	7.00	0.15	0.60	1.26			
		2nd Main (College to Akkara House)									
		RHS									
0	15										
15	28.4		Cum	2	15.00	0.18	0.60	2.70			
			Cum	2	13.40	0.15	0.60	2.41			
		Chakkalakala House to 2nd Cross									
0	15										
15	18		Cum	2	15.00	0.15	0.60	2.70			
			Cum	2	3.00	0.15	0.60	0.54			
		J K Electic to Dead end									
0	15										
15	30		Cum	2	15.00	0.15	0.60	2.70			
30	45		Cum	2	15.00	0.15	0.60	2.70			
45	60		Cum	2	15.00	0.15	0.60	2.70			
60	75		Cum	2	15.00	0.15	0.60	2.70			
75	90		Cum	2	15.00	0.15	0.60	2.70			
90	105		Cum	2	15.00	0.15	0.60	2.70			
105	107.6	107.6 to 113.6 culvert	Cum	2	15.00	0.15	0.60	2.70			
113.6	124.2		Cum	2	2.60	0.15	0.60	0.47			
			Cum	2	10.60	0.15	0.60	1.91			
		5th Cross Road									
		LHS									
0	15										
15	30		Cum	2	15.00	0.15	0.60	2.70			
30	45		Cum	2	15.00	0.15	0.60	2.70			
45	52.2		Cum	2	15.00	0.15	0.60	2.70			
			Cum	2	7.20	0.15	0.60	1.30			
							Sub Total	320.93			
		Culvert									
		Bottom Raft									
			Cum	1	6.00	1.30	0.20	1.56			
		Side Wall									
			Cum	2	6.00	0.20	0.60	1.44			
							Sub Total	3.00			
							Total Executed Quantity	323.93			
							Now to be Paid Quantity	323.93	7070.20	2290261.20	
Item No. 4		Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. and as per the directions of the Engineer-in-charge of the work									
			Tonne								
		Vide Total executed Quantity from premeasuremet Page no.						21.01			
							Now to be Paid Quantity	21.01	72326.98	1519474.69	
Item No. 5		Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,and as per the directions of the Engineer-in-charge of the work									
Measurements taken on											
		Bestcounty - III									
		3RD MAIN									
		LHS									
0	8		Sqm	1	8.00	0.90		7.20			
8	18.6		Sqm	1	10.60	0.90		9.54			
18.6	24.05		Sqm	1	5.45	0.90		4.91			

BANGALORE

Contactor

PMC

Assistant Engineer

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ಬೆಂಗಳೂರು-106

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Asphating to Sainagara Phase-II and Bestcounty-III and Surrounding Areas in Ward No -03 Yelahanka Satellite Town Sub Division

MEASUREMENT SHEET

First and Part Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
24.05	39.05		Sqm	1	15.00	0.90		13.50			
39.05	42.25		Sqm	1	3.20	0.90		2.88			
42.25	53.45		Sqm	1	11.20	0.90		10.08			
53.45	56.65		Sqm	1	3.20	0.90		2.88			
56.65	63.95		Sqm	1	7.30	0.90		6.57			
63.95	68.8		Sqm	1	4.85	0.90		4.36			
68.8	73		Sqm	1	4.20	0.90		3.78			
73	82.25		Sqm	1	9.25	0.90		8.33			
82.25	85.6		Sqm	1	3.35	0.90		3.01			
85.6	91.95		Sqm	1	6.35	0.90		5.72			
91.95	99.35	Road	Sqm	1	7.40			0.00			
99.35	107.5		Sqm	1	8.10	0.90		7.29			
107.45	111.8		Sqm	1	4.30	0.90		3.87			
111.75	119.7		Sqm	1	7.95	0.90		7.16			
119.7	122.1		Sqm	1	2.40	0.90		2.16			
122.1	128.3		Sqm	1	6.20	0.90		5.58			
128.3	146.8	No Drain	Sqm	1	18.50	0.00		0.00			
146.8	148.1		Sqm	1	1.30	0.90		1.17			
148.1	151.8		Sqm	1	3.70	0.90		3.33			
151.8	154.3		Sqm	1	2.50	0.90		2.25			
154.3	159.2		Sqm	1	4.85	0.00		0.00			
159.15	165		Sqm	1	5.80	0.90		5.22			
		RHS									
0	1.2	Bs Slab	Sqm	1	1.20	0.00		0.00			
1.2	11.1		Sqm	1	9.90	0.90		8.91			
11.1	15.8		Sqm	1	4.70	0.90		4.23			
15.8	23.8		Sqm	1	8.00	0.90		7.20			
23.8	26.17		Sqm	1	2.37	0.90		2.13			
26.17	56.17		Sqm	1	30.00	0.90		27.00			
56.17	59.37		Sqm	1	3.20	0.90		2.88			
59.37	65.57	No Drain			6.20						
65.57	81.27		Sqm	1	15.70	0.90		14.13			
		1ST CROSS									
		LHS									
0	8		Sqm	1	8.00	0.90		7.20			
8	12.8		Sqm	1	4.80	0.90		4.32			
12.8	15.6		Sqm	1	2.80	0.90		2.52			
15.6	24.1		Sqm	1	8.50	0.90		7.65			
		RHS									
0	0.6		Sqm	1	0.60	0.90		0.54			
0.6	20.3		Sqm	1	19.70	0.90		17.73			
20.3	24.8		Sqm	1	5.05	0.90		4.55			
		1ST CROSS									
		RHS									
0	25.3		Sqm	1	25.30	0.90		22.77			
		1ST MAIN									
		LHS									
0	3.1		Sqm	1	3.10	0.90		2.79			
3.1	21.1	Bs Slab	Sqm	1	18.00	0.00		0.00			
21.1	23.6		Sqm	1	2.50	0.90		2.25			
23.6	30.3	Bs Slab	Sqm	1	6.70	0.00		0.00			
30.3	47.3	Bs Slab.	Sqm	1	17.00	0.00		0.00			
47.3	54.3		Sqm	1	7.00	0.90		6.30			
54.3	63.6		Sqm	1	9.30	0.90		8.37			
63.6	67		Sqm	1	3.40	0.90		3.06			
67	78.5		Sqm	1	11.50	0.90		10.35			
78.5	81	Bs Slab	Sqm	1	2.50	0.00		0.00			
81	87.4	old Slab	Sqm	1	6.40	0.00		0.00			
87.4	90	old Slab	Sqm	1	2.60	0.90		2.34			

IDRAPRASAD CONSULTANTS BANGALORE

PMC

Contactor

Assistant Engineer

30/1/2020

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ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Asphating to Sainagara Phase-II and Bestcounty-III and Surrounding Areas in Ward No -03 Yelahanka Satellite Town Sub Division

MEASUREMENT SHEET

First and Part Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
0	30	RHS									
30	43.5		Sqm	1	30.00	0.90		27.00			
43.5	51.3		Sqm	1	13.50	0.90		12.15			
51.3	52.8	No Drain			7.80						
52.8	54.9		Sqm	1	1.50	0.90		1.35			
54.9	56.1		Sqm	1	2.10	0.90		1.89			
56.1	61.2		Sqm	1	1.20	0.90		1.08			
			Sqm	1	5.10	0.90		4.59			
		2ND MAIN									
		RHS									
0	11.5										
11.5	22.2		Sqm	1	11.50	0.90		10.35			
22.2	29.1		Sqm	1	10.70	0.90		9.63			
29.1	44.5		Sqm	1	6.90	0.90		6.21			
44.5	48		Sqm	1	15.40	0.00		0.00			
48	50.6		Sqm	1	3.50	0.90		3.15			
50.6	57.1		Sqm	1	2.60	0.90		2.34			
57.1	60.5		Sqm	1	6.50	0.90		5.85			
60.5	65.5		Sqm	1	3.40	0.90		3.06			
65.5	72.8		Sqm	1	5.00	0.90		4.50			
72.8	76.2		Sqm	1	7.30	0.90		6.57			
76.2	84.4		Sqm	1	3.40	0.90		3.06			
84.4	89.9		Sqm	1	8.20	0.90		7.38			
89.9	94.8		Sqm	1	5.50	0.90		4.95			
94.8	102.2	Road	Sqm	1	4.90	0.90		4.41			
102.2	110.6		Sqm	1	7.40						
110.6	112.6		Sqm	1	8.40	0.90		7.56			
112.6	121.4		Sqm	1	2.00	0.90		1.80			
121.4	136.5	No Drain	Sqm	1	8.80	0.90		7.92			
136.5	140.9		Sqm	1	15.10	0.00		0.00			
140.9	145.8		Sqm	1	4.40	0.90		3.96			
145.8	148.4		Sqm	1	4.90	0.90		4.41			
148.4	150.3		Sqm	1	2.60	0.90		2.34			
150.3	154.7		Sqm	1	1.90	0.90		1.71			
154.7	158.9		Sqm	1	4.40	0.90		3.96			
158.9	163.7	No Drain	Sqm	1	4.20	0.90		3.78			
163.7	168.5		Sqm	1	4.80	0.00					
168.5	171.7		Sqm	1	4.80	0.90		4.32			
171.7	177.8		Sqm	1	3.20	0.90		2.88			
177.8	181.1	Bs Slab	Sqm	1	6.10	0.90		5.49			
181.1	189.2	old Slab	Sqm	1	3.30	0.00		0.00			
189.2	197.7	old Slab	Sqm	1	8.10	0.00		0.00			
			Sqm	1	8.50	0.00		0.00			
		Sai nagara Phase-II									
		C C Drain (Gate to Cross Road)									
		RHS									
0	15		Sqm	1	15.00	0.90		13.50			
15	30		Sqm	1	15.00	0.90		13.50			
30	45		Sqm	1	15.00	0.90		13.50			
45	51.2		Sqm	1	6.20	0.90		5.58			
		LHS									
0	15		Sqm	1	15.00	0.90		13.50			
15	30		Sqm	1	15.00	0.90		13.50			
30	45		Sqm	1	15.00	0.90		13.50			
45	50.6		Sqm	1	5.60	0.90		5.04			
		Cross Road to Aritha Project Consultancy									

Contactor

PMC

Assistant Engineer

20/1/2020

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Asphating to Sainagara Phase-II and Bestcounty-III and Surrounding Areas in Ward No -03 Yelahanka Satellite Town Sub Division

MEASUREMENT SHEET

First and Part Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
		L H S (CC Drain)									
0	12.5		Sqm	1	12.50	0.90		11.25			
		R H S									
0	15		Sqm	1	15.00	0.90		13.50			
15	30		Sqm	1	15.00	0.90		13.50			
30	45		Sqm	1	15.00	0.90		13.50			
45	52		Sqm	1	7.00	0.90		6.30			
		2nd Main (College to Akkara House)									
		R H S									
0	15		Sqm	1	15.00	0.90		13.50			
15	28.4		Sqm	1	13.40	0.90		12.06			
		Chakkalakala House to 2nd Cross									
0	15		Sqm	1	15.00	0.90		13.50			
15	18		Sqm	1	3.00	0.90		2.70			
		J K Electic to Dead end	Sqm								
0	15		Sqm	1	15.00	0.90		13.50			
15	30		Sqm	1	15.00	0.90		13.50			
30	45		Sqm	1	15.00	0.90		13.50			
45	60		Sqm	1	15.00	0.90		13.50			
60	75		Sqm	1	15.00	0.90		13.50			
75	89.1		Sqm	1	14.10	0.90		12.69			
89.1	104.1		Sqm	1	15.00	0.90		13.50			
104.1	107.8	107.6 to 113.6 culvert	Sqm	1	3.70	0.90		3.33			
113.6	124.3		Sqm	1	10.70	0.90		9.63			
		5th Cross Road									
		L H S									
0	20.2		Sqm	1	20.20	0.90		18.18			
20.2	23		Sqm	1	2.80	0.90		2.52			
23	24.9		Sqm	1	1.90	0.90		1.71			
24.9	27.4		Sqm	1	2.50	0.90		2.25			
27.4	52.2		Sqm	1	24.80	0.90		22.32			
		Missing Slab									
			Sqm	60	0.90	0.60		32.40			
							Total Executed Quantity	837.11			
							Now to be Paid Quantity	837.11	2337.00	1956321.40	

R.H.S

RAGHAVENDRAPRASAD CONSULTANTS BANGALORE

Assistant Engineer

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-೫೬

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Asphating to Sainagara Phase-II and Bestcounty-III and Surrounding Areas in Ward No -03 Yelahanka Satellite Town Sub Division

MEASUREMENT SHEET

First and Part Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
Item No. 6		Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc and as per the directions of the Engineer-in-charge of the work									
Measurements taken on											
		Culvert									
			Sqm	1.00	6.00	1.20		7.20			
							Total Executed Quantity	7.20			
							Now to be Paid Quantity	7.20	5418.00	39009.60	
Item No.22		Filling in foundation with granite/trap broken metal 100mm and down size ,with approved sand including hand packing, ramming, watering, including cost of all materials and labour with lead up to 50m and lift 1.5m complete as per specifications. and as per the directions of the Engineer-in-charge of the work									
		a) 40mm Jelly	Cum								
		Vide Total executed Quantity from premeasuremet Page no.						0.62			
							Now to be Paid Quantity	0.62	1901.00	1178.62	
		b) 20mm Jelly	Cum								
		Vide Total executed Quantity from premeasuremet Page no.						0.62			
							Now to be Paid Quantity	0.62	1901.00	1178.62	
		c) Coarse sand	Cum								
		Vide Total executed Quantity from premeasuremet Page no.						0.47			
							Now to be Paid Quantity	0.47	2651.00	1232.72	
		d) Fine sand	Cum								
		Vide Total executed Quantity from premeasuremet Page no.						0.31			
							Now to be Paid Quantity	0.31	2651.00	821.81	
		e) 12.5mm chips	Cum								
		Vide Total executed Quantity from premeasuremet Page no.						0.47			
							Now to be Paid Quantity	0.47	1901.00	883.97	
Item No.23		Supplying, laying and jointing HDPE pipes of specified grade and conforming to IS 4984-995 with latest amendments and conveying to work site including loading at both destinations and rolling and lowering into trenches, laying true to line and jointing of pipes and specials, giving hydraulic test as per relevant ISS with all lead and lifts including encasing the pipe alround to a depth of not less than 15 cms. with soft gravel or selected earth available from the excavation, testing and commissioning. The rate is exclusive of required specials and fittings wherever necessary like saddle tee, stud ends, flanged sets, bends, reducers etc. complete (Contractor will make his own arrangements for procuring water for testing) etc. for: and as per the directions of the Engineer-in-charge of the work									
			Rmt								
		Vide Total executed Quantity from premeasuremet Page no.						9.00			
							Now to be Paid Quantity	9.00	10822.32	97400.88	
Item No.24		Providing of Geonets for Rain Water Harvesting pit on the filter media as specified and as per the directions of the Engineer-in-charge of the work									
			Sqm								
		Vide Total executed Quantity from premeasuremet Page no.						1.55			
							Now to be Paid Quantity	1.55	71.03	110.10	
									Sub Total	6986846.76	
									For 12% Applicable GST	838422.00	
									For 3% KRIDL Charges	209605.00	
									For 1% Labour Cess	69868.00	
									Total Amount	8104741.76	

SUDHARAPRASAD CONSULTANTS BANGALORE

Contractor

PMC

Assistant Engineer

12/1/2020

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

PRE MEASUREMENT SHEET

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Asphating to Sainagara Phase-II and Bestcounty-III and Surrounding Areas in Ward No -03 Yelahanka Satellite Town Sub Division

PRE MEASUREMENT SHEET

First and Part Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Item No.1		Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications and as per the directions of the Engineer-in-charge of the work							
Measurements taken on									
		Bestcounty - III							
		3RD MAIN							
		LHS							
0	30		Cum	1	30.00	1.1	0.90	29.70	
30	60		Cum	1	30.00	1.1	0.90	29.70	
60	91.95		Cum	1	31.95	1.1	0.90	31.63	
99.35	128.3	91.95 to 99.35 Road	Cum	1	28.95	1.1	0.90	28.66	
146.8	164.95	128.3 to 146.8 no Drain	Cum	1	18.15	1.1	0.90	17.97	
		RHS							
0	11.1	11.1 to 23.8 no Drain	Cum	1	11.10	1.1	0.90	10.99	
23.8	53.8		Cum	1	30.00	1.1	0.90	29.70	
53.8	59.37	59.37 to 65.57 no Drain	Cum	1	5.57	1.1	0.90	5.51	
65.57	81.27		Cum	1	15.70	1.1	0.90	15.54	
		1ST CROSS							
		LHS							
0	24.1	0	Cum	1	24.10	1.1	0.90	23.86	
		RHS							
0	24.8	0	Cum	1	24.80	1.1	0.90	24.55	
		1ST CROSS							
		RHS							
0	25.3		Cum	1	25.30	1.1	0.90	25.05	
		1ST MAIN							
		RHS							
0	30		Cum	1	30.00	1.1	0.90	29.70	
30	43.5		Cum	1	13.50	1.1	0.90	13.37	
51.3	61.2		Cum	1	9.90	1.1	0.90	9.80	
		LHS							
0	30		Cum	1	30.00	1.1	0.90	29.70	
30	60		Cum	1	30.00	1.1	0.90	29.70	
60	90		Cum	1	30.00	1.1	0.90	29.70	
		2ND MAIN							
		RHS							
0	30		Cum	1	30.00	1.1	0.90	29.70	
30	60		Cum	1	30.00	1.1	0.90	29.70	
60	90		Cum	1	30.00	1.1	0.90	29.70	
90	94.8	94.8 to 102.2 Cross Road	Cum	1	4.80	1.1	0.90	4.76	
102.2	121.4	121.4m to 136.5m no drain	Cum	1	19.20	1.1	0.90	19.01	
136.5	158.9	158.9m to 163.7m no drain	Cum	1	22.40	1.1	0.90	22.18	
163.7	193.7		Cum	1	30.00	1.1	0.90	29.70	

Contactor

PMC

Assistant Engineer

18/5/2018

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Asphating to Sainagara Phase-II and Bestcounty-III and Surrounding Areas in Ward No -03 Yelahanka Satellite Town Sub Division

PRE MEASUREMENT SHEET

First and Part Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
193.7	197.7		Cum	1	4.00	1.1	0.90	3.96	
		Sai nagara Phase-II							
		C C Drain (Gate to Cross Road)							
		R H S							
0	15		Cum	1	15.00	1.1	0.90	14.85	
15	30		Cum	1	15.00	1.1	0.90	14.85	
30	45		Cum	1	15.00	1.1	0.90	14.85	
45	51.2		Cum	1	6.20	1.1	0.90	6.14	
		L H S							
0	15		Cum	1	15.00	1.1	0.90	14.85	
15	30		Cum	1	15.00	1.1	0.90	14.85	
30	45		Cum	1	15.00	1.1	0.90	14.85	
45	50.6		Cum	1	5.60	1.1	0.90	5.54	
		Cross Road to Aritha Project Consultancy							
		L H S (CC Drain)							
0	12.5		Cum	1	12.50	1.1	0.90	12.38	
		R H S							
0	15		Cum	1	15.00	1.1	0.90	14.85	
15	30		Cum	1	15.00	1.1	0.90	14.85	
30	45		Cum	1	15.00	1.1	0.90	14.85	
45	52		Cum	1	7.00	1.1	0.90	6.93	
		2nd Main (College to Akkara House)							
		R H S							
0	15		Cum	1	15.00	1.1	0.90	14.85	
15	28.4		Cum	1	13.40	1.1	0.90	13.27	
		Chakkalakala House to 2nd Cross							
0	15		Cum	1	15.00	1.1	0.90	14.85	
15	18		Cum	1	3.00	1.1	0.90	2.97	
		J.K Electic to Dead end							
0	15		Cum	1	15.00	1.1	0.90	14.85	
15	30		Cum	1	15.00	1.1	0.90	14.85	
30	45		Cum	1	15.00	1.1	0.90	14.85	
45	60		Cum	1	15.00	1.1	0.90	14.85	
60	75		Cum	1	15.00	1.1	0.90	14.85	
75	90		Cum	1	15.00	1.1	0.90	14.85	
90	105		Cum	1	15.00	1.1	0.90	14.85	
105	107.6	107.6 to 113.6 culvert	Cum	1	2.60	1.1	0.90	2.57	
113.6	124.2		Cum	1	10.60	1.1	0.90	10.49	

DRAPRASAD CONSULTANTS BANGALORE

Contactor PMC Assistant Engineer 12/9/2018 Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Asphating to Sainagara Phase-II and Bestcounty-III and Surrounding Areas in Ward No -03 Yelahanka Satellite Town Sub Division

PRE MEASUREMENT SHEET

First and Part Bill

Chainage		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
From	To								
		5th Cross Road							
		L H S							
0	15		Cum	1	15.00	1.1	0.90	14.85	
15	30		Cum	1	15.00	1.1	0.90	14.85	
30	45		Cum	1	15.00	1.1	0.90	14.85	
45	52.2		Cum	1	7.20	1.1	0.90	7.13	
		Culvert							
			Cum	1	6.00	1.4	0.95	7.98	
		Rain Water Harvesting							
				5.00	0.31		1.80	2.79	
					(3.142X0.63X0.63)/ 4=0.31				
							Total Executed Quantity	973.56	
							Qty Carried to Summary	973.56	

UDAYAPRASAD CONSULTANTS BANGALORE

Contactor PMC Assistant Engineer

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
Assistant executive Engineer
ಬ.ಬ.ಮ.ಪ. ಬೆಂಗಳೂರು

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Asphating to Sainagara Phase-II and Bestcounty-III and Surrounding Areas in Ward No -03 Yelahanka Satellite Town Sub Division

PRE MEASUREMENT SHEET

First and Part Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Item No.2		Providing and laying Plain cement concrete of mix1:3:6 with OPC cement @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days Including cost of materials,labour, HOM curing form work, Scaffolding and Centering complete as per specifications. and as per the directions of the Engineer-in-charge of the work							
Measurements taken on									
		Drain PCC							
		Bestcounty - III							
		3RD MAIN							
		LHS							
0	30		Cum	1	30.00	1.10	0.15	4.95	
30	60		Cum	1	30.00	1.10	0.15	4.95	
60	91.95		Cum	1	31.95	1.10	0.15	5.27	
99.35	128.3	91.95 to 99.35 Road	Cum	1	28.95	1.10	0.15	4.78	
146.8	164.95	128.3 to 146.8 no Drain	Cum	1	18.15	1.10	0.15	2.99	
		RHS							
0	11.1	11.1 to 23.8 no Drain	Cum	1	11.10	1.10	0.15	1.83	
23.8	53.8		Cum	1	30.00	1.10	0.15	4.95	
53.8	59.37	59.37 to 65.57 no Drain	Cum	1	5.57	1.10	0.15	0.92	
65.57	81.27		Cum	1	15.70	1.10	0.15	2.59	
		IST CROSS							
		LHS							
0	24.1		Cum	1	24.10	1.10	0.15	3.98	
		RHS							
0	24.8		Cum	1	24.80	1.10	0.15	4.09	
		IST CROSS							
		RHS							
0	25.3		Cum	1	25.30	1.10	0.15	4.17	
		IST MAIN							
		RHS							
0	30		Cum	1	30.00	1.10	0.15	4.95	
30	43.5		Cum	1	13.50	1.10	0.15	2.23	
51.3	61.2		Cum	1	9.90	1.10	0.15	1.63	
		LHS							
0	30		Cum	1	30.00	1.10	0.15	4.95	
30	60		Cum	1	30.00	1.10	0.15	4.95	
60	90		Cum	1	30.00	1.10	0.15	4.95	
		2ND MAIN							
		RHS							
0	30		Cum	1	30.00	1.10	0.15	4.95	
30	60		Cum	1	30.00	1.10	0.15	4.95	
60	90		Cum	1	30.00	1.10	0.15	4.95	

Contactor

PMC

Assistant Engineer 19/12/2019

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Asphating to Sainagara Phase-II and Bestcounty-III and Surrounding Areas in Ward No -03 Yelahanka Satellite Town Sub Division

PRE MEASUREMENT SHEET

First and Part Bill

Chainage		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
90	94.8	94.8 to 102.2 Cross Road	Cum	1	4.80	1.10	0.15	0.79	
102.2	121.4	121.4m to 136.5m no drain	Cum	1	19.20	1.10	0.15	3.17	
136.5	158.9	158.9m to 163.7m no drain	Cum	1	22.40	1.10	0.15	3.70	
163.7	193.7		Cum	1	30.00	1.10	0.15	4.95	
193.7	197.7		Cum	1	4.00	1.10	0.15	0.66	
		Sai nagara Phase-II							
		C C Drain (Gate to Cross Road)							
		R H S							
0	15	0	Cum	1	15.00	1.10	0.15	2.48	
15	30		Cum	1	15.00	1.10	0.15	2.48	
30	45		Cum	1	15.00	1.10	0.15	2.48	
45	51.2		Cum	1	6.20	1.10	0.15	1.02	
		L H S							
0	15		Cum	1	15.00	1.10	0.15	2.48	
15	30		Cum	1	15.00	1.10	0.15	2.48	
30	45		Cum	1	15.00	1.10	0.15	2.48	
45	50.6		Cum	1	5.60	1.10	0.15	0.92	
	Cross Road to Aritha Project Consultancy								
		L H S (CC Drain)							
0	12.5		Cum	1	12.50	1.10	0.15	2.06	
		R H S							
0	15		Cum	1	15.00	1.10	0.15	2.48	
15	30		Cum	1	15.00	1.10	0.15	2.48	
30	45		Cum	1	15.00	1.10	0.15	2.48	
45	52		Cum	1	7.00	1.10	0.15	1.16	
	2nd Main (College to Akkara House)								
		R H S							
0	15		Cum	1	15.00	1.10	0.15	2.48	
15	28.4		Cum	1	13.40	1.10	0.15	2.21	
	Chakkalakala House to 2nd Cross								
0	15		Cum	1	15.00	1.10	0.15	2.48	
15	18		Cum	1	3.00	1.10	0.15	0.50	
		J.K Electic to Dead end							
0	15		Cum	1	15.00	1.10	0.15	2.48	
15	30		Cum	1	15.00	1.10	0.15	2.48	
30	45		Cum	1	15.00	1.10	0.15	2.48	
45	60		Cum	1	15.00	1.10	0.15	2.48	
60	75		Cum	1	15.00	1.10	0.15	2.48	
75	90		Cum	1	15.00	1.10	0.15	2.48	
90	105		Cum	1	15.00	1.10	0.15	2.48	
105	107.6	107.6 to 113.6 culvert	Cum	1	2.60	1.10	0.15	0.43	
113.6	124.2		Cum	1	10.60	1.10	0.15	1.75	

Contactor

PMC

Assistant Engineer

19/6/2020

Assistant executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Asphating to Sainagara Phase-II and Bestcounty-III and Surrounding Areas in Ward No -03 Yelahanka Satellite Town Sub Division

PRE MEASUREMENT SHEET

First and Part Bill

Chainage		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
		5th Cross Road							
		L H S							
0	15		Cum	1	15.00	1.10	0.15	2.48	
15	30		Cum	1	15.00	1.10	0.15	2.48	
30	45		Cum	1	15.00	1.10	0.15	2.48	
45	52.2		Cum	1	7.20	1.10	0.15	1.19	
		Culvert							
			Cum	1	6.00	1.40	0.15	1.26	
							Total Executed Quantity	**161.73**	
							Qty Carried to Summary	**161.73**	

C&FC

Contactor

PMC

Assistant Engineer

19/6/2019

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Asphating to Sainagara Phase-II and Bestcounty-III and Surrounding Areas in Ward No -03 Yelahanka Satellite Town Sub Division

PRE MEASUREMENT SHEET

First and Part Bill

Chainage		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
Item No. 4		Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. and as per the directions of the Engineer-in-charge of the work							
Measurements taken on									
		Drain	tonne	From Calculation Sheet				20.72	
		Culvert	tonne	From Calculation Sheet				0.29	
							Total Executed Quantity	21.01	
							Qty Carried to Summary	21.01	

PRASAD CONSULTANTS BANGALORE PMC

Contactor

Assistant Engineer 2/7/2020

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾ
Assistant Executive Engineer
ಬ.ಬ.ಮ.ಪ. ಬೆಂಗಳೂರು

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Asphating to Sainagara Phase-II and Bestcounty-III and Surrounding Areas in Ward No -03 Yelahanka Satellite Town Sub Division

PRE MEASUREMENT SHEET

First and Part BILL

STEEL CALCULATION

Sl NO	Description	Nos	BAR DIA mm	No. Bars	Total No. bars	Length m	Total Length m	Weight kg/m	Total weight Kg's
Item no.4	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. and as per the directions of the Engineer-in-charge of the work								
	Measurements Taken On;								
	For RCC Drain								
	Bestcounty - III								
	LHS								
	Main Bars (#12@160 c/c)	1	12	870	870	2.50	2175.16	0.88781	1931.13
	Distribution(12-#10)	1	10	12	12	139.05	1668.60	0.61654	1028.75
	RHS								
	Main Bars (#12@160 c/c)	1	12	391	391	2.50	977.03	0.88781	867.42
	Distribution(12-#10)	1	10	12	12	62.37	748.44	0.61654	461.44
	1ST CROSS								
	LHS								
	Main Bars (#12@160 c/c)	1	12	152	152	2.50	379.06	0.88781	336.54
	Distribution(12-#10)	1	10	12	12	24.10	289.20	0.61654	178.30
	RHS								
	Main Bars (#12@160 c/c)	1	12	156	156	2.50	390.00	0.88781	346.25
	Distribution(12-#10)	1	10	12	12	24.80	297.60	0.61654	183.48
	1ST CROSS								
	RHS								
	Main Bars (#12@160 c/c)	1	12	159	159	2.50	397.81	0.88781	353.18
	Distribution(12-#10)	1	10	12	12	25.30	303.60	0.61654	187.18
	1ST MAIN								
	RHS								
	Main Bars (#12@160 c/c)	1	12	335	335	2.50	836.88	0.88781	742.99

C&P

R.K.V

SUDHAKARAPRASAD CONSULTANTS BANGALORE

Contactor PMC Assistant Engineer

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
Assistant Executive Engineer
ಬ.ಬ.ಮ.ಪ. ಬೆಂಗಳೂರು

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Asphating to Sainagara Phase-II and Bestcounty-III and Surrounding Areas in Ward No -03 Yelahanka Satellite Town Sub Division

PRE MEASUREMENT SHEET

First and Part BILL

STEEL CALCULATION

Sl NO	Description	Nos	BAR DIA mm	No. Bars	Total No. bars	Length m	Total Length m	Weight kg/m	Total weight Kg's
Item no.4	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. and as per the directions of the Engineer-in-charge of the work								
	Distribution(12-#10)	1	10	12	12	53.40	640.80	0.61654	395.08
	LHS								
	Main Bars (#12@160 c/c)	1	12	564	564	2.50	1408.75	0.88781	1250.71
	Distribution(12-#10)	1	10	12	12	90.00	1080.00	0.61654	665.86
	2ND MAIN								
	RHS								
	Main Bars (#12@160 c/c)	1	12	1066	1066	2.50	2665.00	0.88781	2366.02
	Distribution(12-#10)	1	10	12	12	170.40	2044.80	0.61654	1260.70
	Sai nagara Phase-II								
	C C Drain (Gate to Cross Road)								
	R H S								
	Main Bars (#12@160 c/c)	1	12	321	321	2.50	802.50	0.88781	712.47
	Distribution(12-#10)	1	10	12	12	51.20	614.40	0.61654	378.80
	L H S								
	Main Bars (#12@160 c/c)	1	12	317	317	2.50	793.13	0.88781	704.15
	Distribution(12-#10)	1	10	12	12	50.60	607.20	0.61654	374.36
	Cross Road to Aritha Project Consultancy								
	L H S (CC Drain)								
	Main Bars (#12@160 c/c)	1	12	79	79	2.50	197.81	0.88781	175.62
	Distribution(12-#10)	1	10	12	12	12.50	150.00	0.61654	92.48
	R H S								
	Main Bars (#12@160 c/c)	1	12	326	326	2.50	815.00	0.88781	723.57
	Distribution(12-#10)	1	10	12	12	52.00	624.00	0.61654	384.72
	2nd Main (College to Akkara House)								
	R H S								

Contactor

PMC

UDRAPRASAD CONSULTANTS BANGALORE

Assistant Engineer

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Assistant executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Asphating to Sainagara Phase-II and Bestcounty-III and Surrounding Areas in Ward No -03 Yelahanka Satellite Town Sub Division

PRE MEASUREMENT SHEET

First and Part BILL

STEEL CALCULATION

Sl NO	Description	Nos	BAR DIA mm	No. Bars	Total No. bars	Length m	Total Length m	Weight kg/m	Total weight Kg's
Item no.4	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. and as per the directions of the Engineer-in-charge of the work								
	Main Bars (#12@160 c/c)	1	12	179	179	2.50	446.25	0.88781	396.19
	Distribution(12-#10)	1	10	12	12	28.40	340.80	0.61654	210.12
	Chakkalakala House to 2nd Cross								
	Main Bars (#12@160 c/c)	1	12	114	114	2.50	283.75	0.88781	251.92
	Distribution(12-#10)	1	10	12	12	18.00	216.00	0.61654	133.17
	J.K Electic to Dead end								
	Main Bars (#12@160 c/c)	1	12	740	740	2.50	1849.38	0.88781	1641.90
	Distribution(12-#10)	1	10	12	12	118.20	1418.40	0.61654	874.50
	5th Cross Road								
	L H S								
	Main Bars (#12@160 c/c)	1	12	327	327	2.50	818.13	0.88781	726.34
	Distribution(12-#10)	1	10	12	12	52.20	626.40	0.61654	386.20
								Sub Total	20721.54
							Sub Total Tonne		20.72
	For Culvert								
	Bestcounty - III								
	12# @170 c/c main bars	1	12	35	35	5.20	183.53	0.88781	162.94
	10# @160 c/c Distrubution bars	1	10	34	34	6.00	201.00	0.61654	123.92
								Sub Total	286.86
							Sub Total Tonne		0.29
								TOTAL QTY IN KG'S	21008.41
								TOTAL QTY IN TONNE	21.01

Contactor

PMC

Assistant Engineer

27/7/2020

Assistant executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Asphating to Sainagara Phase-II and Bestcounty-III and Surrounding Areas in Ward No -03 Yelahanka Satellite Town Sub Division

PRE MEASUREMENT SHEET

First and Part Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Item No 22		Filling in foundation with granite/trap broken metal 100mm and down size ,with approved sand including hand packing, ramming, watering, including cost of all materials and labour with lead up to 50m and lift 1.5m complete as per specifications. and as per the directions of the Engineer-in-charge of the work							
Measurements taken on									
		a) 40mm Jelly	Cum	5.00	0.31	0.40		0.62	
					(3.142X0.63X0.63)/ 4=0.31				
							Total Executed Quantity	0.62	
							Qty Carried to Summary	0.62	
		b) 20mm Jelly	Cum	5.00	0.31	0.40		0.62	
					(3.142X0.63X0.63)/ 4=0.31				
							Total Executed Quantity	0.62	
							Qty Carried to Summary	0.62	
		c) Coarse sand	Cum	5.00	0.31	0.30		0.47	
					(3.142X0.63X0.63)/ 4=0.31				
							Total Executed Quantity	0.47	
							Qty Carried to Summary	0.47	
		d) Fine sand	Cum	5.00	0.31	0.20		0.31	
					(3.142X0.63X0.63)/ 4=0.31				
							Total Executed Quantity	0.31	
							Qty Carried to Summary	0.31	
		e) 12.5mm chips	Cum	5.00	0.31	0.30		0.47	
					(3.142X0.63X0.63)/ 4=0.31				
							Total Executed Quantity	0.47	
							Qty Carried to Summary	0.47	

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Contactor

PMC

Assistant Engineer

4/7/2020

Executive Engineer

BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Asphating to Sainagara Phase-II and Bestcounty-III and Surrounding Areas in Ward No -03 Yelahanka Satellite Town Sub Division

PRE MEASUREMENT SHEET

First and Part Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Item No 23		Supplying, laying and jointing HDPE pipes of specified grade and conforming to IS 4984-995 with latest amendments and conveying to work site including loading at both destinations and rolling and lowering into trenches, laying true to line and jointing of pipes and specials, giving hydraulic test as per relevant ISS with all lead and lifts including encasing the pipe alround to a depth of not less than 15 cms. with soft gravel or selected earth available from the excavation, testing and commissioning. The rate is exclusive of required specials and fittings wherever necessary like saddle tee, stud ends, flanged sets, bends, reducers etc. complete (Contractor will make his own arrangements for procuring water for testing) etc. for: and as per the directions of the Engineer-in-charge of the work							
Measurements taken on									
		0.63m dia HDPE Perforated Pipe. For 1.8 Mtr depth	Rmt	9.00				9.00	
				1.8X5=9					
							Total Executed Quantity	9.00	
							Qty Carried to Summary	9.00	

CE

Contractor

UDAYAPRASAD CONSULTANTS BANGALORE

PMC

4/7/2020

Assistant Engineer

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ಬ.ಬ.ಪಾ.ಕ. ಬೆಂಗಳೂರು-೫೬೦

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Asphating to Sainagara Phase-II and Bestcounty-III and Surrounding Areas in Ward No -03 Yelahanka Satellite Town Sub Division

PRE MEASUREMENT SHEET

First and Part Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Item No 24		Providing of Geonets for Rain Water Harvesting pit on the filter media as specified and as per the directions of the Engineer-in-charge of the work							
Measurements taken on									
			Sqm	5.00	0.31			1.55	
					(3.142X0.63X0.63)/ 4=0.31				
							Total Executed Quantity	1.55	
							Qty Carried to Summary	1.55	

CRFC

Contractor

RAPRASAD CONSULTANTS BANGALORE

4/7/2020

Assistant Executive Engineer